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- (71) Applicant (for all designated States except US): **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **OHKUBO, Takashi** [JP/JP]; c/o Corporate R & D Center, Showa Denko K.K., 1-1, Ohnodai 1-chome, Midori-Ku., Chiba-shi, 267-0056 (JP). **SUDOH, Akinori** [JP/JP]; c/o Omachi Plant, Showa Denko K.K., 6850 Oaza Omachi, Omachi-Shi (JP). **TAKEUCHI, Masataka** [JP/JP]; c/o Corporate R & D Center Showa Denko K.K., 5-1 Okawacho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0858 (JP).
- (74) Agent: **OHIE, Kunihiisa**, (8108), Patent, Attorney; Ohie Patent Office, Selva-Ningyosho 6F, 14-6, Nihonbashi-Ningyocho, 2-chome, Chuo-Ku, Tokyo 103-0013 (JP).
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(54) Title: HIGH DENSITY ELECTRODE AND BATTERY USING THE ELECTRODE

(57) Abstract: The invention relates to a high-density electrode, obtained by impregnating a high-density electrode which comprises an electrode active substance and carbon fiber having a fiber filament diameter of 1 to 1,000 nm and has a porosity of 25% or less, with a solid polymer electrolyte; and to a battery including the resultant (high-density) electrode. According to the invention, electrolytic solution permeability and electrolytic solution retainability, which are matters of importance in realizing a high-density electrode for achieving a battery having a high energy density, can be improved.



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